

CLAIMS

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is as follows:

- 1 1. A method of making a bottle cap with a built-in magnification feature,
2 comprising the step of pressing a piece of plastic into the shape of a bottle cap
3 having a top portion and an annular bottle engaging portion, said top portion
4 having upper and lower surfaces wherein at least one of said upper and lower
5 surfaces is convex and having a perimeter that extends to said annular bottle
6 engaging portion, said upper and lower surfaces providing optical
7 magnification of objects viewed through said top portion.
- 1 2. The method of claim 1 wherein said pressing step is achieved using a
2 stamping machine.
- 1 3. The method of claim 1 wherein said annular bottle engaging portion
2 includes thread engaging members.
- 1 4. The method of claim 1 wherein said annular bottle engaging portion
2 includes a lid wall with an inwardly projecting hook region at its base.
- 1 5. The method of claim 1 further comprising the step of separating said top
2 portion and said annular portion along an arc while maintaining a connection
3 between said top portion and said annular portion along a straight section, said
4 top portion being rotatably moveable in hinge like fashion along said straight
5 section.
- 1 6. The method of claim 1 further comprising the step of selecting a radius of
2 curvature for said upper and lower convex surfaces based on a diameter of
3 said bottle cap.
- 1 7. The method of claim 6 wherein said upper and lower surfaces are convex
2 and having an equal radius of curvature.

- 3 8. The method of claim 6 wherein said upper surface and said lower surface
4 have different radii of curvature of their convex surfaces.
- 5 9. The method of claim 6 wherein said upper surface is flat and said lower
6 surface is convex.
- 7 10. The method of claim 1 wherein said piece of plastic is transparent.
- 1 11. The method of claim 1 wherein said piece of plastic is translucent.
- 1 12. A bottle with a bottle cap that provides built in magnification, comprising:
2 a bottle;
3 a bottle cap having a top portion and an annular bottle engaging
4 portion, said bottle engaging portion being secured to said bottle, and rotatable
5 about an axis passing through said bottle; and
6 a hinge associated with said bottle cap which connects said top portion
7 and said bottle engaging portion which permits said top portion to be moved
8 from a top of said bottle to confront a side of said bottle, said top portion
9 having at least one convex surface and forming a magnifying lens which
10 magnifies objects on said side of said bottle.
- 1 13. The bottle and bottle cap of claim 12 wherein said hinge includes a hinge
2 pin assembly.
- 1 14. The bottle and bottle cap of claim 12 wherein the hinge is a length of
2 plastic extending from said annular bottle engaging portion to said bottle cap.
- 1 15. The bottle and bottle cap of claim 12 further comprising means for
2 detachably holding said top portion at said top of said bottle.
- 1 16. A bottle with a bottle cap that provides built in magnification, comprising:
2 a bottle, said bottle having a top, a bottom and a non-circular side
3 having at least one flat side wall portion;
4 a bottle cap having a top portion and an annular bottle engaging

5 portion, said bottle engaging portion being secured to said bottle; and
6 a hinge associated with said bottle cap which connects said top portion
7 and said bottle engaging portion which permits said top portion to be moved
8 from a top of said bottle to confront said flat side wall portion of said bottle,
9 said top portion having at least one convex surface and forming a magnifying
10 lens which magnifies objects on said flat side wall of said bottle.